

Appl. No. 09/823,328  
Amdt. Dated December 4, 2003  
Reply to Office Action of June 4, 2003

Attorney Docket No. 81784.0233  
Customer No.: 26021

RECEIVED  
CENTRAL FAX CENTER  
DEC 05 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re application of:

Yusuke TSUTSUI et al.

Serial No: 09/823,328

Confirmation No.: 8119

Filed: March 29, 2001

For: CHARGE PUMP TYPE POWER SUPPLY  
CIRCUIT AND DRIVING CIRCUIT FOR  
DISPLAY DEVICE AND DISPLAY  
DEVICE USING SUCH POWER SUPPLY  
CIRCUIT

Art Unit: 2816

Examiner: Le, Dinh Thanh

I hereby certify that this correspondence  
is being deposited with the United States  
Postal Service with sufficient postage as  
first class mail in an envelope addressed  
to:

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 4, 2003

Date of Deposit

John P. Schenbacher, Reg. No. 23,009

Name

Signature Date

**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper and every paper  
referred to herein is being transmitted via  
facsimile to recipient at (703) 308-7725 on:

December 4, 2003

Date of Facsimile Transmission

John P. Schenbacher, Reg. No. 23,009

Name

Signature Date

Dear Sir:

In response to the Office Action of June 4, 2003, the period for response to  
which is being extended from September 4, 2003 to December 4, 2003 by the  
accompanying petition, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the Listing of Claims, which  
begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

**HOGAN & HARTSON L.L.P.**

500 SOUTH GRAND AVENUE  
SUITE 1900  
LOS ANGELES, CA 90071

Tel: (213) 337-6700  
Fax: (213) 337-6701

WASHINGTON, DC  
BRUSSELS  
BUDAPEST\*  
LONDON  
MOSCOW  
PARIS\*  
PRAGUE\*  
WARSAW  
BALTIMORE, MD  
BOULDER, CO  
COLORADO SPRINGS, CO  
DENVER, CO  
McLEAN, VA  
NEW YORK, NY  
ROCKVILLE, MD

\*Affiliated Office

**IMPORTANT NOTICE**  
**TELECOPY/FACSIMILE COVER LETTER**

TO: Examiner Dinh Le  
U.S. Patent and Trademark Office  
Group Art Unit 2816

DATE: December 5, 2003

FROM: John P. Scherlacher  
Voice: (213) 337-6846  
Fax: (213) 337-6701  
jpscherlacher@hhlaw.com

TIME: \_\_\_\_\_

TOTAL NO. OF PAGES, INCLUDING COVER: \_\_\_\_\_

**RECEIVED**  
**CENTRAL FAX CENTER**  
**DEC 05 2003**  
**OFFICIAL**

The attached information is **CONFIDENTIAL** and is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient(s) or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any dissemination, distribution or copying of this communication is strictly prohibited. Anyone who receives this communication in error should notify us immediately by telephone and return the original message to us at the above address via the U.S. Mail.

**MESSAGE:**

**RE: U.S. Patent Application Serial No. 09/823,328 filed March 29, 2001**  
**Applicant: Yusuke TSUTSUI et al.; For: CHARGE PUMP TYPE POWER SUPPLY CIRCUIT AND**  
**DRIVING CIRCUIT FOR DISPLAY DEVICE AND DISPLAY DEVICE USING SUCH POWER SUPPLY**  
**CIRCUIT.**

-- John P. Scherlacher, Reg. No. 23,009  
Direct Phone No. (213) 337-6846

**FOR INTERNAL PURPOSES ONLY**

TELECOPY/FAX NUMBER: (703) 872-9306 (703) 308-7725

CLIENT NUMBER: 81784.0233

ATTORNEY BILLING NUMBER: 71931

CONFIRMATION NUMBER: (703) 305-3790

S.N. 09/823,328 File No. 81784.0233 Date Mailed 12/04/03 By: JPS/mt  
Title: CHARGE PUMP TYPE POWER SUPPLY CIRCUIT AND DRIVING CIRCUIT...

(Client Name) Sanyo Electric (Yoshida)

The Following, due 12/04/03 in the U.S. Patent & Trademark Office  
was received in the Patent & Trademark Office on the date stamped hereon:

- ☒ Amendment
- ☒ Letter of Transmittal
- ☒ Petition For Extension of Time (3-months)
- ☒ Check No. 17217 for \$ 950.00 re EOT

*Via Fax and mail*

#143182 v1 pcd81784.0233

HOGAN & HARTSON LLP  
PATENT ACCOUNT- LA OFFICE  
BILTMORE TOWER, 500 S GRAND AVE  
SUITE 1900  
LOS ANGELES, CA 90071

BANK OF AMERICA, NA  
WASHINGTON, DC 20006  
15-120/540

17217

12/4/2003

COPY

\$ \*\*950.00

PAY TO THE ORDER OF Dir. Of The U. S. Patent & Trademark Off

Nine Hundred Fifty and 00/100

DOLLARS

OVER \$1,000 REQUIRES 2 SIGNATURES

*[Signature]*

MEMO 81784.0233 Sanyo\*3-month extension of time

⑈017217⑈ ⑆054001204⑆ 1920552190⑈

HOGAN & HARTSON LLP / PATENT ACCOUNT- LA OFFICE  
Dir. Of The U. S. Patent & Trademark Off

12/4/2003

17217

950.00

COPY

Checking

81784.0233 Sanyo\*3-month extension of time

950.00

FORM PTO-1083

PATENT  
81784.0233

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yusuke TSUTSUI et al.

Serial No: 09/823,328

Filed: March 29, 2001

For: CHARGE PUMP TYPE POWER SUPPLY CIRCUIT AND  
DRIVING CIRCUIT FOR DISPLAY DEVICE AND DISPLAY  
DEVICE USING SUCH POWER SUPPLY CIRCUIT

Art Unit: 2816

Examiner: Dinh T. Le

Mail Stop Non-Fee Amendment

Commissioner for Patents

P. O. Box 1450

Arlington, VA 22313-1450

I hereby certify that this paper and every paper referred  
to herein is being transmitted via facsimile to recipient  
at (703) 308-7725 on:

December 4, 2003

Date of Facsimile Transmission

John P. Scherlacher, Reg. No. 23,009

Name

John P. Scherlacher 12/04/03

Signature

Date

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- ☐ A Notice Of Change Of Attorney's Address and Associate Power Of Attorney is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/\$M \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	9	-20	20	**	0	\$ 0
INDEPENDENT CLAIMS FEE	3	-3	3	---	0	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
TOTAL						\$ 0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$-0- to cover the additional claims fee is enclosed. A copy of this sheet is enclosed.
- ☒ A check in the amount of \$950.00 to cover the extension fee is enclosed. A copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☒ Any filing fees under 37 C.F.R. 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.By: John P. Scherlacher  
John P. Scherlacher  
Registration No. 23,009  
Attorney for Applicant(s)

Date: December 4, 2003

Biltmore Tower  
500 South Grand Avenue, Suite 1900  
Telephone: 213 337-6700  
Facsimile: 213 337-6701